



Office of the City Engineer

20 North 6th Street, Lafayette, Indiana 47901-1412
Phone 765-807-1050

City of Lafayette Typical Construction Guidelines and Details
2019 Major Update

ISSUED 10/22/19

Water Works (WW) Standard Details and Notes

The following sheets replace Sheets 6 and 7 of 12 last revised on 09/01/2013:

Sheet 1 of 3

Detail WW 01 – Water Main Notes

- Added Note 2 – Poly-wrap requirement.
- Note 11 modified to require testing gauges to be rated for 200 psi or greater.
- Note 17 modified to allow only Mueller 304 Stainless Steel tapping sleeves for pressure taps on mains up to 24" diameter.
- Added Note 23 – Backflow requirement on irrigation services.
- Added Note 24 – Tracer wire requirement.
- Added Note 25 – Requirement to provide meter.
- Added Note 26 – Note regarding phased subdivision construction.

Detail WW 02 – Water Meter Pit Detail for 5/8" and 1" Meters

- Meter box lid changed to Vestal 32-277.
- Height requirement for meter box reduced to 24".
- Added meter hardware and corporation stop specifications.

Detail WW 03 – Standard Double Meter Pit Installation for 5/8" Meters

- Meter box lid changed to Vestal 32-278.
- Added meter hardware and corporation stop specifications.

Detail WW 04 – Water Meter Pit Detail for 1-1/2" and 2" Commercial Meters

- Meter changed to Neptune R9000i T-10.
- Added setter specifications.

Detail WW 05 – Water Meter Vault Detail for 3" and Larger Commercial Meters

- Service line material changed to ductile iron.
- Meter changed to Neptune R9000i with additional specifications noted.

Detail WW 06 – Tap Service Detail

- Corporation stop changed to Ford FB1000-4NL.
- Curb stop changed to Ford B-44-444NL.

Detail WW 07 – Interior Meter Installation Detail for 1-1/2" and Larger Commercial Meters

- Meter changed to Neptune R9000i with additional specifications noted.

Detail WW 08 – Restrained Joints

- Notes added regarding DIPRA requirements.

Sheet 2 of 3

Detail WW 09 – Water Main Air Relief Manhole (12” Diameter to 18” Diameter Main)

- No changes.

Detail WW 10 – Water Main Air Relief Manhole (Larger than 18” Diameter Main)

- No changes.

Detail WW 11 – Standard Bedding Detail

- No changes.

Detail WW 12 – Air Gap Detail for Winterization of Irrigation Service

- New detail.

Detail WW 13 – Valve Detail

- No changes.

Sheet 3 of 3

Detail WW 14 – Fire Hydrant Detail (Plan)

- No changes.

Detail WW 15 – Fire Hydrant Detail (Profile)

- No changes.

Detail WW 16 – Fire Department Connections

- New detail.

Detail WW 17 – Commercial Lot with Fire Service Detail (Typ.)

- No changes.

Detail WW 18 – Residential Fire Suppression

- New detail.